

“School on Formal Mathematics”

May 13 - 17, 2024

organized by

Michael Kohlhase, Jacques Carette, Valeria de Paiva, Josef Urban

Time measurement: CEST

• Monday, May 13

08:30 - 08:55	<i>Arrival and Registration</i>
08:55 - 09:00	<i>Introduction by Michael Kohlhase and Welcome by the HIM Team</i>
09:00 - 09:25	Yannick Forster <i>System Introductions I - Coq</i>
09:25 - 09:50	Sam Owre <i>System Introductions I - PVS</i>
09:50 - 10:15	Freek Wiedijk <i>System Introductions I - HOL</i>
10:15 - 10:40	Mario Carneiro, Floris van Doorn <i>System Introductions I - Lean</i>
10:40 - 11:00	<i>Coffee break</i>
11:00 - 11:25	Manuel Eberl <i>System Introductions II - Isabelle</i>
11:25 - 11:50	Michael Kohlhase <i>System Introductions II - sTeX/ALeA</i>
11:50 - 12:15	Peter Koepke <i>System Introductions II - Naproche</i>
12:00	<i>FYI: Test of Alarm System at HIM - Possible Noise Disturbance No Need to Worry</i>
12:15 - 12:40	Andrej Bauer, Guillaume Allais <i>System Introductions II - Agda/Idris</i>
12:40 - 14:15	<i>Lunch break</i>
14:15 - 16:00	Formalization Lab I <i>getting your hands dirty in groups</i>
16:00 - 16:30	<i>Coffee break</i>

16:30 - 18:00	Formalization Lab II <i>getting your hands dirty in groups</i>
afterwards	<i>Get-Together</i> <i>Pretzels and Drinks in the Garden of the Institute - weather permitting</i>

• **Tuesday, May 14**

09:00 - 09:10	<i>Planning</i>
09:10 - 09:50	Josef Urban <i>Advanced Topic 1</i>
09:50 - 10:30	TBD <i>Advanced Topic 2</i>
10:30 - 11:10	<i>Group Photo and Coffee break</i>
11:10 - 11:50	TBD <i>Advanced Topic 3</i>
12:00 - 14:00	<i>Lunch break</i>
14:00 - 16:00	Practical Formalization <i>getting your hands dirty in groups</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 18:00	Practical Formalization <i>getting your hands dirty in groups</i>

• **Wednesday, May 15**

09:00 - 09:10	<i>Planning</i>
09:10 - 09:50	TBD <i>Advanced Topic 1</i>
09:50 - 10:30	TBD <i>Advanced Topic 2</i>
10:30 - 11:10	<i>Coffee break</i>
11:10 - 11:50	TBD <i>Advanced Topic 3</i>
12:00 - 14:00	<i>Lunch break</i>
14:00 - 16:00	Practical Formalization <i>getting your hands dirty in groups</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 18:00	Practical Formalization <i>getting your hands dirty in groups</i>

- **Thursday, May 16**

09:00 - 09:10	<i>Planning</i>
09:10 - 09:50	TBD <i>Advanced Topic 1</i>
09:50 - 10:30	TBD <i>Advanced Topic 2</i>
10:30 - 11:10	<i>Coffee break</i>
11:10 - 11:50	TBD <i>Advanced Topic 3</i>
12:00 - 14:00	<i>Lunch break</i>
14:00 - 16:00	Practical Formalization <i>getting your hands dirty in groups</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 18:00	Practical Formalization <i>getting your hands dirty in groups</i>

- **Friday, May 17**

09:00 - 12:00	TBD
12:00 - 14:00	<i>Lunch break</i>
14:00 - 16:00	Practical Formalization <i>getting your hands dirty in groups</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 18:00	Practical Formalization <i>getting your hands dirty in groups</i>